

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8541	NAFION PERFLUOROSULFON\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:54
L2	264	PERFLUORO ADJ SULFON\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:55
L4	26	"sulfonated tetrafluoroethylene "	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:56
L5	54	"ethanesulfonyl fluoride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:56
L6	8697	1 2 3 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:56
L7	55852	(monomer\$4 divinyl trivinly poyvinyl) near4 (solvent dissolv\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:12
L8	5	7 same 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:57
L9	55473	7 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:57
L10	379	7 not 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:57
L11	374	10 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:57

## EAST Search History

L12	1437	517/27 521/27.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:38
L13	125	12 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:58
L14	89	13 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:58
L15	36	13 not 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 15:58
L16	9	("4012303"   "4605685"   "5322912"   "5328956"   "5449724"   "5610250"   "6100331"   "6156858"   "6365675").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:11
L17	1	"20040247976"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:11
L18	0	17 and radical	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:11
L19	0	17 and graft	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:11
L20	1	6 with (crosslink\$4 cross-link\$4) with (divinyl trivinly poiyvinyl "ethylenically unsaturated")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:20
L21	9	("4057474"   "4076603"   "4076604"   "4085071"   "4089759"   "4147600").PN. OR ("4242184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:19
L22	232	mclean-g\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:20
L23	1	22 and ( (crosslink\$4 cross-link\$4) with (divinyl trivinly poiyvinyl "ethylenically unsaturated"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:28

## EAST Search History

L24	1	17 and "protonic monomer"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:37
L25	1	17 and phosphoric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:16
L26	140607	polyfunctional multifunctional poly-functional multi-functional	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:40
L27	14562	26 near4 (crosslink\$4 cross-link\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:18
L28	6	27 same 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:17
L29	260	27 same (electrolyt\$4 polyelectrolyt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:17
L30	251	29 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:17
L31	63	27 same (electrolyt\$4 polyelectrolyt\$4)	EPO; JPO; DERWENT	OR	ON	2007/08/23 17:17
L32	20413	(divinyl dvb divinylbenzene dimethacryl\$4 trimethacryl\$4 di-methacryl\$4 tri-methacryl\$4) near7 (crosslink\$4 cross-link\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:19
L33	44	32 same 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:23
L34	697005	(multiple plural two dual three multiplicity plurality "least two" "least 2" "2 or more" "two or more") near4 (functional groups)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:24

## EAST Search History

L35	28511	(multiple plural two dual three multiplicity plurality "least two" "least 2" "2 or more" "two or more") near4 ((functional\$5 polymeriz\$5) near1 groups)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:27
L36	6126	35 with (crosslink\$4 cross-link\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:35
L37	6093	36 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:27
L38	33	36 not 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:27
L39	838	35 with (crosslink\$4 cross-link\$4)	EPO; JPO; DERWENT	OR	ON	2007/08/23 17:36
L40	812	39 not (electrolyt\$4 polyelectrolyt\$4)	EPO; JPO; DERWENT	OR	ON	2007/08/23 17:36
L41	26	39 not 40	EPO; JPO; DERWENT	OR	ON	2007/08/23 17:36
L42	1849	521/27 521/27.cc1s.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:38
L43	75	42 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:38
L44	57	43 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:38
L45	18	43 not 44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:38
L46	3	35 same 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:40

## EAST Search History

L47	4	(US-20020160272-\$).did. or (US-4242184-\$ or US-5859722-\$ or US-6306509-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/23 17:40
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